

## Product datasheet for **RN216950**

### **Fzd10 (NM\_001271192) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fzd10 (NM_001271192) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fzd10
Synonyms:	Fzd10-ps1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN216950 representing NM\_001271192  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCAACACCCGGGCCACGCGCTGTGGCTGATGCTGCAGGTAATGATGGGTTCTGTCGCGGCCATCAGT  
 CCATGGACTTAGAGCGCCCTGGAGACGGCAAGTGCCAGCCGGTGGAGATCCCATGTGCAAGGACATCGG  
 CTACAACACCACCCGCATGCCAACCTGATGGGCCACGAGAACCAGCGGGAGCGGCCATCCAACATGCAT  
 GAGTTCGCGCCGCTCGTGGAGTACGGCTGCCACGGCCACCTCCGTTCTTCTTGTGCTCGTGTACGCGC  
 CCATGTGCACCGAGCAGGTCTCCACACCCATCCCTGCTTGCCGGGTATGTGCGAGCAGGCCCGGCTCAA  
 GTGCTCGCCGATCATGGAGCAGTTAAATTAGGTGGCCGGACTCCCTGGATTGCAGCAAACCTCCCAAC  
 AAGAACGATCCCAACTACCTGTGCATGGAGGCACCAACAACGGTCCGATGAGCCAGCCGTGGCTCTG  
 GCATGTTCCCTCCGCTCTTCAGGCCCCAGAGGCCACAGCGCGCAAGAGCACCCACTAAGGACGGGGG  
 TCCCGGGCGCGCAGGCTGTGACAACCCAGGCAAGTTCCACCACGTGGAGAAGAGCGAATCCTGCGCACCG  
 CTCTGCACTCCGGGGGTGGATGTGATTGGAGCCGCGACGACAAGCGCTTCGCTGTGGTCTGGCTGGCCA  
 TCTGGTCCGTGCTGTGTTTCTTCTCCAGCGCCTTACCCTGCTCACCTTCTCATCGACCCATCACGCTT  
 CAGGTACCCCGAACGTCCCATCATCTTTCTCTCCATGTGCTACTGCGTTTATTCTGTGGGTATATCATC  
 CGCCTCTTCGCGGGCGCGGAGAGCATTGCCTGCGACCGGGACAGTGGGCAGCTGTATGTTATCCAGGAAG  
 GGCTGGAGAGCACGGGCTGTACCTTAGTCTTCTTGGTACTTTACTACTTCGGCATGGCCAGCTCTTTATG  
 GTGGGTGGTCTCACCTCACTTGGTTCCTGGCTGCTGGCAGGAAGTGGGGCCATGAGGCCATTGAAGCC  
 AACAGCAGCTACTTTCACCTGGCAGCCTGGGCCATCCCGGCTGTGAAGACCATCTTGATCCTGGTGTATGC  
 GCAGGGTGGCAGGGGATGAGCTCACTGGTGTGTGTTATGTGGGCAGCATGGATGTCAATGCTCTGACCCG  
 CTTCTGTGCTGGTCCCGCTGGCTTGTCTACCTAGTCACTCGGCACTTCTTCACTCTGTCTGGCTTTGTGGCT  
 TTATTCCACATCCGGAGGGTGTGAAAACAGGTGGGGAGAACACGGACAAGCTGGAGAAGCTCATGGTAC  
 GCATAGGGGTCTTCTCCCTCCTCTACACCGTGGCGGCCACCTGTGTGATTGCTTGTACTTTTATGAACG  
 CCTCAACATGGATTACTGGAAGATGCTGGCCACCCAGCACAAGTGTAAAACGAACAATCAGACCAAGACA  
 GCCGACTGCCTGATGACCACCTCCATCCCTGCTGTGGAGGTCTTCATGGTCAAAGTGTCCATGCTTCTGG  
 TGGTGGCATTACCAGTGGGGTGTGGGTCTGGACTTCCAAGACCCTGCAATCCTGGCAACAGGTATGCAG  
 CCGGGGGTTAAAGAGAAAAAGCCGGAGGAAACCAGCCAGTGTGGTACCAGTGCAGGGATCTACAAAAAA  
 GCCCAGCACCCCAAAAACCTCATCTTGGGAAGTATGAGCTTCTGCTCAGCCTCAGCCTGCGT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001271192
- Insert Size:** 1749 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001271192.1](#), [NP\\_001258121.1](#)

**RefSeq Size:** 3196 bp

**RefSeq ORF:** 1749 bp

**Locus ID:** 363913

**Cytogenetics:** 12q13